

Powertec Wideband 4G-5G Hinged Antenna, 700 to 3800 MHz, SMA Male

SKU: ACC-PT-00391
 MPN: ACC-PT-00391
 Barcode: 9337692004568

Description

The VHT-6938-2 is an economical terminal antenna covering a wide range of 4G LTE and 5G NR frequencies between 700 and 3800 MHz. Most notably the antenna covers all common 3G and 4G bands, along with n78 (3500 MHz) used in most 5G networks across the globe.

Designed for terminals and routers, the antenna offers an articulated SMA connector for flexible positioning and a sleek profile for low visual impact. The antenna demonstrates stable omnidirectional performance with 2 to 3 dBi gain across the bands.

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This model of antenna is quickly being used as a drop-in replacement for older designs that aren't compatible with 5G. The unit is economically priced, with discount tiers at 100, 1000, and 5000 units, making it an exceptional choice for mass-deployment.



RF Specification

| | | | |
|-------------------|----------|--|--------|
| Start Frequency: | 698 MHz | Polarisation: | Linear |
| Stop Frequency: | 3800 MHz | Input Impedance: | 50 |
| Max. Input Power: | 10W | Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ... | |

RF Connectors

Ports

1

RF Interface

SMA Male

Body Shape

Straight

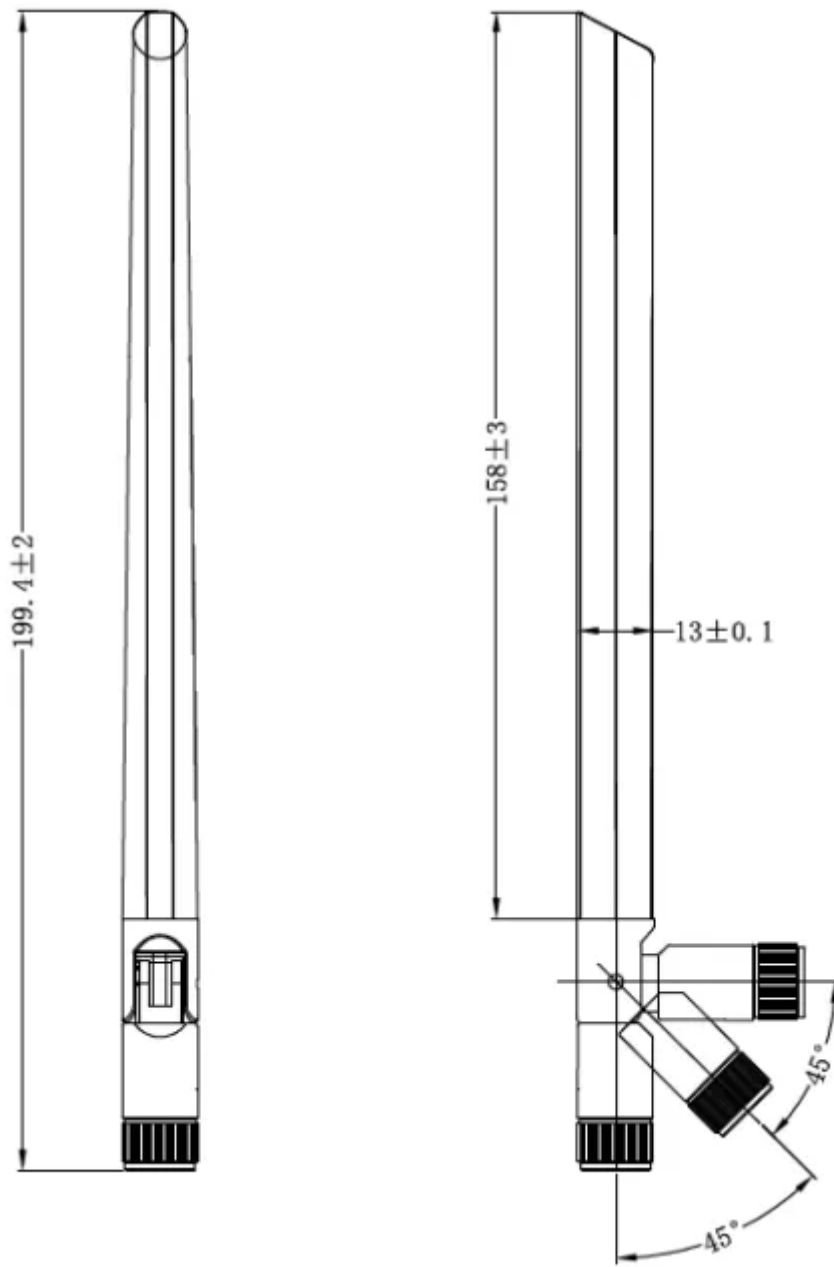
Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR |
|-------------|------------|-----------|---------|
| 698 MHz | 960 MHz | 2 dBi | < 3:1 |
| 1695 MHz | 2690 MHz | 3 dBi | < 3:1 |
| 3300 MHz | 3800 MHz | 3 dBi | < 2.6:1 |

Physical Specification

| | | | |
|-----------------------------|-----------------|-------------|--|
| Subtype: | Hinged Terminal | Dimensions: | 198 x 37.3 x 13 |
| Input Ports: | 1 | Materials: | ABS Plastic, Thermoplastic Elastomer (TPE) |
| MIMO: | 1x1 SISO | Mounting: | Terminal / Device |
| Min. Operating Temperature: | -35 °C | Weight: | 0.04 kg |
| Max. Operating Temperature: | 70 °C | | |

Drawing



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